

?-actinin Rabbit pAb

Cat No: HR1APEA230

For research use only

Overview

Product Name	?-actinin Rabbit pAb
Source	Rabbit
Applications	WB, IHC
Species Reactivity	Rat, Mouse
Recommended Dilutions	WB 1:1,000-2,000 IHC 1:200-500
Immunogen	
Species	Rabbit
Storage	PBS with 0.02% sodium azide and 50% glycerol pH 7.4. Store at -20°C. Avoid repeated freeze-thaw cycles.
Isotype	IgG
Clonality	Polyclonal
Concentration	1mg/ml
Observed band	103kDa
GeneID?Human?	87
Human Swiss-Prot No.	
Cellular localization	
Alternative Names	actinin 1 smooth muscle antibody, actinin alpha 1 antibody, ACTN 1 antibody, FLJ40884 antibody
Background	?-Actinin belongs to the spectrin family of cytoskeletal proteins. ?-Actinin is necessary for the attachment of actin filaments to the Z-lines in skeletal muscle cells, and to the dense bodies in smooth muscle cells. The functional protein is an anti-parallel dimer, which cross-links the thin filaments in adjacent sarcomeres, and therefore coordinated contractions between sarcomeres in the horizontal axis.